

Converting Colors

YUV(72.5290, 7.6272, -19.7579)

Have a look what the booklet for
YUV(72.5290, 7.6272, -19.7579)
contains.

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Color

**YUV(72.5290, 7.6272,
-19.7579)**

Conversions

Conversions Part 1

Format	Color
Hex	325158
RGB	50, 81, 88
RGB Percent	20%, 32%, 35%
CMY	0.8039, 0.6824, 0.6549
CMYK	0.43, 0.08, 0.00, 0.65
HSL	191°, 28%, 27%
HSV	191°, 43%, 35%
XYZ	6.0193, 7.2675, 10.3180
YIQ	72.5290, -20.7230, -4.3950

Conversions

Conversions Part 2

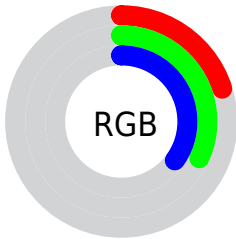
Format	Color
R_{YB}	50, 67, 88
Decimal	3297624
CIE _{Lab}	32.41, -9.36, -7.72
CIE _{LCh}	32, 12.131, 219.519
Yxy	7.2675, 0.2550, 0.3079
Android (android.graphics.Color)	4281487704 (0xFF325158)
YUV	72.5290, 7.6272, -19.7579
Hunter-Lab	26.9584, -7.3217, -3.8218

Details

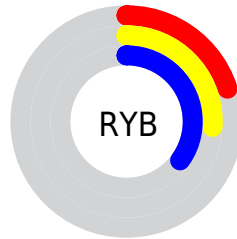
The YUV color **72.5290, 7.6272, -19.7579** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **65.4710, -7.6272, 19.7579**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.6430, 8.0640, -19.8579**, and **26.6320, 8.0694, -21.6023** is the 20% darker color. If you saturate the color by 10%, you get **68.6640, 9.5326, -24.2613**, and if you desaturate by 10%, it is **76.3940, 5.7218, -15.2545**.

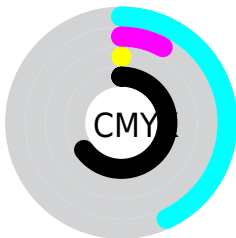
Distribution



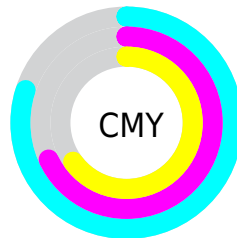
- Red (20%)
- Green (32%)
- Blue (35%)



- Red (20%)
- Yellow (26%)
- Blue (35%)



- Cyan (43%)
- Magenta (8%)
- Yellow (0%)
- Black (65%)



- Cyan (80%)
- Magenta (68%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.5290, 7.6272, -19.7579 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 72.5290, 7.6272, -19.7579 by changing the saturation by 10% instead.

■ 72.5290, 7.6272,
-19.7579

■ 72.5290, 7.6272,
-19.7579

■ 255.0000, 0.0000,
0.0000

■ 49.5290, 7.6272,
-19.7579

■ 121.6430, 8.0640,
-19.8579

■ 26.6320, 8.0694,
-21.6023

■ 147.3440, 8.2114,
-20.4727

■ 11.9000, 4.9793,
-10.4363

■ 174.0450, 8.3588,
-21.0875

■ 0.0000, 0.0000,
0.0000

■ 201.7460, 8.5062,
-21.7022

■ 229.8600, 8.9430,
-21.8022

■ 248.4220, 3.2430,

-13.5251

■ 72.5290, 7.6272,
-19.7579

■ 72.5290, 7.6272,
-19.7579

■ 68.6640, 9.5326,
-24.2613

■ 76.3940, 5.7218,
-15.2545

■ 65.3860, 11.1487,
-29.2795

■ 79.6720, 4.1057,
-10.2363

■ 61.8200, 12.9067,
-33.1681

■ 83.2380, 2.3477,
-6.3477

■ 58.5420, 14.5228,
-38.1863

■ 86.5160, 0.7316,
-1.3295

■ 54.6770, 16.4282,
-42.6897

■ 90.3810, -1.1738,
3.1739

■ 52.2960, 17.6021,
-45.8636

■ 94.2460, -3.0793,
7.6773

■ 97.5240, -4.6953,
12.6955

■ 101.0900, -6.4534,
16.5841

■ 104.9550, -8.3588,
21.0875

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.3890, 3.2592, -18.7582



72.5290, 7.6272, -19.7579



74.1320, 9.7949, -15.0248

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.5290, 7.6272, -19.7579



77.7610, 2.5828, 11.6106



75.6170, -9.1782, 3.8439

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



72.5290, 7.6272, -19.7579



65.4710, -7.6272, 19.7579

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.1880, -8.4737, 11.2361



72.5290, 7.6272, -19.7579



77.5290, -2.2328, 16.1991

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.5290, 7.6272, -19.7579



77.7430, 6.5357, 3.7334



77.4920, -6.1586, 15.3545



74.2570, -6.5357, -3.7334

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.5290, 7.6272, -19.7579



75.4640, 9.6312, -9.1769



77.4920, -6.1586, 15.3545



76.2260, -9.4784, 6.8178

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



72.5290, 7.6272, -19.7579



108.7540, 3.0793, -7.6773



73.1040, -7.9393, -20.2622



54.8360, 2.0529, -5.1182



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.5290, 7.6272, -19.7579



90.6030, 12.0277, -31.2238



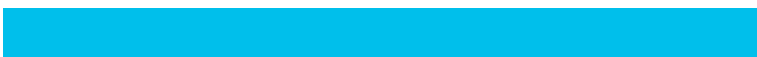
61.3760, 13.1256, -9.9768



41.8040, 0.5896, -2.4591



63.2670, 21.5604, -55.4852



138.9070, 47.3738, -121.8214

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



64.8960, 7.9393, 20.2622



78.5260, 12.5587, 31.9877



76.6240, -13.1256, 9.9768



40.6520, 1.1576, 2.0592



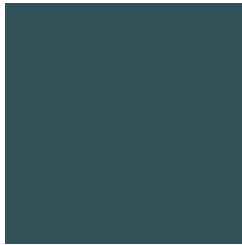
41.9110, 22.2289, 57.0831



92.0390, 48.7878, 125.3768

Previews

White Background



This preview shows how the YUV color 72.5290, 7.6272, -19.7579 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 72.5290, 7.6272, -19.7579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

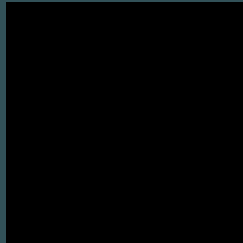
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

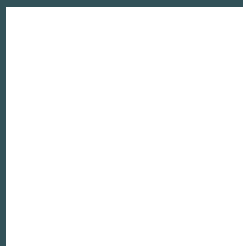
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 72.5290, 7.6272, -19.7579

Background



This preview shows how black text looks on a background with the YUV color 72.5290, 7.6272, -19.7579.



This preview shows how white text looks on a background with the YUV color 72.5290, 7.6272, -19.7579.

-19.7579.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

72.5290, 7.6272, -19.7579

Protanopia

76.0260, 3.9312, -0.8998

Deuteranopia

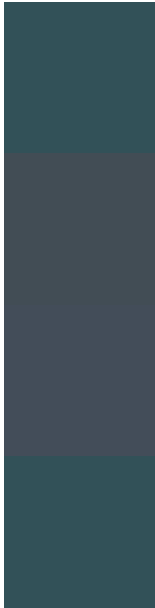
76.6070, 6.1097, 0.3447



Tritanopia

72.5290, 7.6272, -19.7579

Trichromacy



Original Color

72.5290, 7.6272, -19.7579

Protanomaly

74.6230, 5.1159, -7.5624

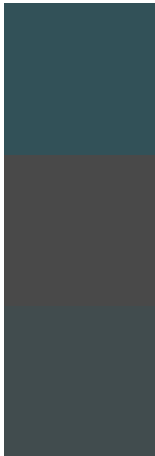
Deuteranomaly

75.3780, 6.7156, -7.3475

Tritanomaly

72.5290, 7.6272, -19.7579

Monochromacy



Original Color

72.5290, 7.6272, -19.7579

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.9390, 2.4951, -6.9625

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.5290, 7.6272, -19.7579 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(50, 81, 88)` looks like.

```
.text, #text, p{  
    color:rgb(50, 81, 88)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(50, 81, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 81, 88) }
```

Border

The CSS property to change the border of an element to YUV 72.5290, 7.6272, -19.7579 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(50, 81, 88) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(50, 81, 88) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(50, 81, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 81, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 81, 88);  
box-shadow:4px 4px 4px 4px rgb(50, 81, 88)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.5290, 7.6272, -19.7579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 81, 88) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(50, 81,  
88) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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